UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/940,450	08/29/2001	Jeff S. Eder		5509

33042	7590	05/03/2006

LEYDIG, VOIT & MAYER, LTD.
(SEATTLE OFFICE)
TWO PRUDENTIAL PLAZA
SUITE 4900
CHICAGO, IL 60601-6780

EXAMINER
GRAHAM, CLEMENT B

ART UNIT	PAPER NUMBER
3628	

DATE MAILED: 05/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/940,450	EDER, JEFF S.
	Examiner	Art Unit	
	Clement B. Graham	3628	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *11/24/03*.

2a)☐ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *34-52 and 62-134* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *34-52, 62-143* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

1. Claims 34-52 and 62-134 remained pending

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patent ability shall not be negatived by the manner in which the invention was made.

Claims 34-52, and 62-134, are rejected under 35 U.S.C. 103(a) as being unpatentable over Bowman-Amuah et al (Hereinafter Bowman-Amuah U.S Patent 6,332,163) in view of Ranger U.S. Patent No: 6, 301, 584.

As per claims 34-35, 41, 49, Bowman-Amuah discloses a computer readable medium having sequences of instructions stored therein, which when executed cause the processor in a computer to perform a data preparation method, comprising: integrating data(See column 41and 42 lines 5-30).

Bowman-Amuah fail to explicitly teach from a variety of sources using xml and a common schema to support organization processing.

However Ranger discloses dynamic data collection and integration arc performed during retrieval of an entity by invoking one or more agents. These agents, which comprise executable instructions, encapsulate knowledge about a particular data source, e.g. formatting information, relevant to a particular kind of object stored at the server. For example, an agent invoked for an instance of an "employee" class may query a relational database located at a company's headquarters. As another example, an agent responsible for collecting and integration about an instance of an "author" class may check a web-server for email addresses to discover a living author's email address.

Other examples of data sources include web pages, search engines, text files, operating system files, SEC filings and reports, and the like.(see column 17 lines 29-33 and 53-65) templates comprises HTML, XML, or VML.(see column 10 lines 9-23).

Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Bowman-Amuah to include from a variety of sources using xml and a common schema to support organization processing in order to taught by Ranger in order to collect relevant information located at a plurality of sites and stored in plurality of incompatible formats according to configurable search strategies.

As per claim 36, Bowman-Amuah discloses wherein the designated organization is a single product, a group of products, a division, a company, a multi--company corporation or a value chain. (See column 3 line 65 and column 4 line 5).

As per claim 38, Bowman-Amuah discloses the computer readable medium of claim 37 where the data structure is a hierarchy.(See column 14 line 5).

As per claim 39, Bowman-Amuah discloses the computer readable medium of claim 34 where the common schema includes a data dictionary. (See column 4 line 30).

As per claim 40, Bowman-Amuah discloses the computer readable medium of claim 39 where the data dictionary defines standard data attributes from the group consisting of account numbers, components of value, currencies, elements of value, units of measure and time periods. (See column 4 lines 30-45).

As per claim 42, Bowman-Amuah discloses the the computer readable medium of claim 34 wherein at least a portion of the data is from the Internet or an external database. (See column 42 line 45).

As per claim 43, Bowman-Amuah discloses the computer readable medium of claim 34 where the data preparation method further comprises converting data to match the common schema.(See column 4 line 55).

As per claim 44, Bowman-Amuah discloses (amended) A data preparation method, comprising:
integrating data from a variety of systems using xml and a common schema. (See column 41and 42 lines 5-30 and column 52- lines 45 and column 281 lines 50-55).

As per claim 45, Bowman-Amuah discloses the method of claim 44 where the common schema includes an organization designation and data structure.(See column 14 line 5).

As per claim 46, Bowman-Amuah discloses the method of claim 45 wherein the designated organization is a single product, a group of products, a division, a company, a multi-company corporation or a value chain. (See column 3 line 65 and column 4 line 5).

As per claim 47, Bowman-Amuah discloses the method of claim 44 where the common schema includes a data dictionary. (See column 4 line 30).

As per claim 48, Bowman-Amuah discloses the method of claim 47 where the data dictionary defines standard data attributes from the group consisting of account numbers, components of value, currencies, elements of value, units of measure and time periods. (See column 4 lines 30-45).

As per claim 50, Bowman-Amuah discloses the method of claim 44 wherein at least a portion of the data is from the Internet or external databases. (See column 42 line 45).

As per claim 51, Bowman-Amuah discloses the method of claim 44 where the data preparation method further comprises converting and storing data in accordance with the common schema.(See 48 line 50-65 and column 6 line 45).

As per claim 52, Bowman-Amuah discloses a computer readable medium having sequences of instructions stored therein, which when executed cause the processors in a plurality of computers connected via a network to perform the data preparation method of claim 44.(See column 219 lines 5-10).

4. Claims 41, 49, are rejected under 35 U.S.C. 103(a) as being unpatentable Bowman-Bowman-Amuah (Hereinafter Bowman-Amuah U.S Patent 6,332,163).

As per claims 62-134, Bowman-Amuah discloses a computer readable medium having sequences of instructions stored therein, which when executed cause the processor in a computer to perform a data preparation method, comprising: integrating data(See column 41and 42 lines 5-30).

Bowman-Amuah fail to explicitly teach from a variety of sources in accordance with a common schema to teach using at least a portion of said data to create one or more tools for organization management and making the one or more tools available for review.

However Ranger discloses dynamic data collection and integration arc performed during retrieval of an entity by invoking one or more agents. These agents, which comprise executable instructions, encapsulate knowledge about a particular data source, e.g. formatting information, relevant to a particular kind of object stored at the server. For example, an agent invoked for an instance of an "employee" class may query a relational database located at a company's headquarters. As another example, an agent responsible for collecting and integration about an instance of an "author" class may check a web-server for email addresses to discover a living author's email address and other examples of data sources include web pages, search engines, text files, operating system files, SEC filings and reports, and the like.(see column 17 lines 29-33 and 53-65) templates comprises HTML, XML, or VML.(see column 10 lines 9-23). Therefore it would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Bowman-Amuah to include explicitly teach from a variety of sources in accordance with a common schema to teach using at least a portion of said data to create one or more tools for organization management and making the one or more tools available for review taught by Ranger in order to collect relevant information located at a plurality of sites and stored in plurality of incompatible formats according to configurable search strategies.

Conclusion
Response to Arguments

3. Applicant 's arguments filed on 11/24/2003 are moot in view of the new grounds of rejections.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clement B Graham whose telephone number is 703-305-1874. The examiner can normally be reached on 7am to 5pm.
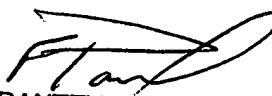
    If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hyung S. Sough can be reached on 703-308-0505. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-0040 for regular communications and 703-305-0040 for After Final communications.

    Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

CG
January 22, 2006

FRANTZY POINVIL
PRIMARY EXAMINER
AU 3628